## ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	XL)	62.801	
O.I.P.E. CLASSIFIER			
FORMALITY REVIEW	:)(.,'	72540	13-19-0
RESPONSE FORMALITY REVIEW		T	

## **INDEX OF CLAIMS**

~	Rejected	N	Non-elected
=	Allowed	- 1	Interference
_	(Through numeral) Canceled	Α	Appeal
÷	Restricted	0	Objected

Claim								÷			•••••	••••			······	Hes	trict	ea				U		••••		•••••		Ob	jecte	d							
10		lain	1		_			Da	ite				_	]	CI	aim			_		Da	te			_		C	laim				Da	te				
10		7	ēΓ	1				1				i	1	1		<u>_</u>									1	1	ı	- l					1			Г	T
10				$\Im$										]	ja Ta	rigin											2	rigi		1							Ì
101	1	-   0	1				_	┢	╁	+-	+	+	╀	-	<u>u</u>	0			⊢	├	<del> </del>	├	-	├	⊢	H	"	10	$\bot$	4-	$\downarrow$	_	<u>Ļ</u> .	↓_	Ļ.,	L	<u>i</u> _
5	-	11	4	1	4		_	╄	4	4	+		4_	4	<u> </u>		Ц		<u> </u>	_	┡	┡	<u> </u>	<u> </u>	<u></u>	$\Box$	<u> </u>		$\bot$		$\perp$	_	_	↓_	_	L	
A	$\perp$			4	4		_	┺	1_	4_	4	4-	-	1	_		$\Box$			_	L_	_		匚		Ш				$\perp$	_	L			L		
5				Ш	╝		_	L	L	$\perp$	L			J						<u>L</u>		l		I.				103		1				]	П	Г	Т
6	L	$\perp t$	4	Ш.	$ \bot $		_		_	$\perp$	_	┸	$\perp$									L_								Τ		Т	Ī	T	Г	$\top$	$\top$
17	L			$\mathbb{L}$				L						1		55										П		105				Т	T		$\vdash$	Т	
0	L			Ш			<u> </u>				Ι.													Г		П		106		Τ	Т				$\vdash$	T	
9	L	7	7		_[						Т	Τ	T	]						Π					П	П		107		Т	┪~	Т				$\vdash$	T
9		1	3	П				Π		T	Τ	T	П	1	Г	58			_		П	Г			Г	П		108		$\top$	┪~~	$\top$	1	t	<del>                                     </del>	t	t
10	Г	9	9	П						1	1	1	1	1		69	5								Т	П		109	_	+	+-	$\vdash$	-	<u> </u>	<del>                                     </del>	╆	+
11		10	0	П			_	1	T		1	$\dagger$	T	1		60					$\vdash$					$\Box$			$\dashv$	+	╁╌	+	-	$\vdash$	╁	╁╾	╁
12		1	1	Ħ			Т		T	T	1-	$\top$	$\vdash$	1			$\exists$				H	H	<del> </del>			$\vdash$			+	╁	+-	╁	╁	╁	╆	╁	╁
13		12	2	1	7		Т	<del> </del>	$\vdash$	+	T	+	+-	1			$\dashv$			$\vdash$	$\vdash$	Н	$\vdash$		Н	+	$\vdash$		+-	÷	+	╁	├	-	$\vdash$	+-	+
14				1	$\dashv$	•	-	T	T	+	+	+	+	1	-		$\dashv$		$\vdash$	$\vdash$	$\vdash$	┰	$\vdash$	<del> </del>	$\vdash$	$\vdash$	$\vdash$		+	╁	+-	$\vdash$	├	├	<del> </del>	╁	┼
15	-			<del> </del>	-	-	-	$\vdash$	$\vdash$	+	+	+-	+-	ŀ	-		$\dashv$		$\vdash$	$\vdash$	$\vdash$		_	$\vdash$	$\vdash$	+	-		+	+	+-	╁	├		⊢	+	+
66	+			₩	$\dashv$		H	┼─	+	+-	+	+	+	1	-	_	$\dashv$		$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	H	$\vdash$	$\vdash$	<u> </u>		+-	+	+-	┼	├-		$\vdash$	$\vdash$	1
17	-			-	+	-		$\vdash$	$\vdash$	+-	+	+	+	1	$\vdash$		$\dashv$		$\vdash$	-	-	<del> </del>	$\vdash$	-	├-	$\vdash$	-		- -	+	+	╁—	$\vdash$	<b> </b>	₩	ـــ	$\vdash$
66	<u>}</u>			<del>//</del>	+			-	⊢	+	╁	+	+	1	$\vdash$		$\dashv$		⊢	$\vdash$		$\vdash$	$\vdash$	$\vdash$		H	-	-	- -	+	+	ـ	<u> </u>	Ь.	₩	$\vdash$	$\vdash$
19	$\vdash$			<del>/</del>  -	4	_	_	├-	╀	+	┼-	+	╀	-	$\vdash$			_	<u> </u>	⊢		_	<u> </u>	$\vdash$	-	$\sqcup$	<u> </u>	-	4	4	_	_	_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	<b>L</b>	L
120	$\vdash$	1	3	Н	4	_		1	<b> </b>	╄	╄	+	╄	1	$\vdash$	-			<u> </u>	$\vdash$		_	_	<u> </u>		Ш		+ +	Ц.	$\perp$	┸	<u> </u>			_	┖	
122   123   124   124   124   125   125   125   126   126   126   126   127   127   128   128   128   128   128   128   128   128   129   129   129   129   130   130   131   131   131   131   132   133	$\perp$			H	4			_	↓	<u> </u>	4_	4	╙	1	ļ	-	_	_									L	119	$\perp$	┸			L			L	
122   123   124   124   124   125   125   125   126   126   126   126   127   127   128   128   128   128   128   128   128   128   129   129   129   129   130   130   131   131   131   131   132   133	L	14	Ш	Ш				_			1					70			l									120									
122   123   124   124   124   124   125   125   126   126   126   126   127   128   129   130   130   131   131   131   131   131   132   133		2	ı)									T				71							_					121		T						Г	Т
24     74     124     125     125     126     126     126     126     126     127     127     127     127     127     128     128     128     128     128     128     129		12	2	J							Г	T	П	1		72												122			1	$\top$	·		Г	<del> </del>	Т
25     75     125     126     126     126     126     126     127     128     127     128     127     128     128     129     128     129     129     129     129     129     129     129     130     130     131     131     131     131     131     131     132     132     132     132     132     133     133     133     133     134     134     134     134     134     134     134     135     135     136     136     136     136     136     136     137     137     137     137     137     137     138     138     138     138     138     139     140     140     141     144     144     144     144     144     144     144     144     144     144     144     144     145     145     145     146     146     146     147     147     148     149     149     149     149     149								П	Π	П	Τ	Т	П	1			$\neg$									П		123		1	Τ		$\vdash$	-	<del>                                     </del>	┢	Т
26   76   126   127     27   77   78   127   128     29   79   129   129   129   130   131   130   131   131   131   131   131   131   131   131   132   132   132   132   132   132   133   134   134   134   134   134   134   134   134   135   135   135   135   135   135   135   136   136   137   137   137   137   137   137   138   138   138   138   138   138   139   140   140   141   141   141   141   142   142   144   144   144   144   144   144   144   145   145   145   146   147   148   148   149	Г	24	4	П					Τ	T	T	T	Ī	1		74						$\vdash$		$\vdash$	T-		_	124	_	十	1	1		$\vdash$	Н	<del>                                     </del>	<del>                                     </del>
26   76   126   127     27   77   78   128     29   79   129   129     30   80   130   131     31   81   131   131     32   83   132   132     33   84   133   134     35   85   135   135     36   86   136   137     38   88   138   138     39   88   138   139     40   90   140   141     41   91   144   142     43   93   142   142     43   94   144   144     45   96   145   146     46   96   145   146     47   99   99   148   147     48   99   149   144		25	5	T					Г	T	Т			1		75							Г	Г		П		125		$\top$	T	<u> </u>	i –	-	П		<del>                                     </del>
27				Т	Т						Т	Т		1		76										П				1	1	1		_	Т	┢	$\vdash$
28   78   128     29   80   129     30   80   130     31   81   131     32   132   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   144     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   98   148     48   99   149	Г	27	7	T	T					Т	$\top$	1		1	$\Gamma$	77	7				Г					П			+	T	†	1		$\vdash$		$\vdash$	$\vdash$
29 79 129   30 130 130   31 81 131   32 82 132   33 83 133   34 85 135   36 86 136   37 86 136   37 88 138   39 89 139   40 90 140   41 91 144   42 92 142   43 94 144   44 94 144   45 96 145   46 96 146   47 97 147   48 98 148   49 99 149		28	3	T	T							1	1-	1		78										H			$\top$	T	T	$\vdash$	$\vdash$	$\vdash$	М	$\vdash$	H
30		29	寸	$\top$	┪				1		1	┪┈	1	1	$\vdash$		_					$\vdash$				Н			+	+	+	<del>                                     </del>		$\vdash$	-	$\vdash$	⊢
31 81   32 83   33 131   34 84   35 85   36 86   37 86   39 88   39 89   40 90   41 91   42 92   43 94   44 94   45 96   46 96   47 97   48 98   99 149		30	5	T	7			Г	1		T	+	T	1		80	寸			_	-			-	-	Н	$\vdash$		+	+	÷	╁╴	-		-	╁	$\vdash$
32	-			$\top$	7	$\neg$		┢	┢	1	1	╁	$\vdash$	1	-		$\dashv$	$\dashv$	_	_					$\vdash$	Н	$\vdash$		+	╁	╁	$\vdash$	-		$\vdash$	├	┢
33   83   133     34   84   134     35   85   135     36   86   136     37   86   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   149	$\vdash$			+	7	$\dashv$		┢╌	<del> </del> —	t	+	╁	$\vdash$	1	-		$\dashv$				$\vdash$		H	Н	-	Н			+	╁	╁	⊢			Н	┢	├
34 84   35 85   36 86   37 86   38 87   39 88   40 90   41 91   42 92   43 93   44 94   45 96   46 96   47 97   48 98   133   133   133   134   135   136   137   138   139   139   140   141   142   143   144   145   146   147   48   98   148   149	hline			$^{+}$	7	ᅥ		-	ऻ		+	┿	╁	-	+-		-	$\dashv$		-			$\vdash$		-	Н	-			┼	+-	⊢		_	$\vdash$	┢	
35   85   135     36   86   136     37   88   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   142     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	-			+	+	┪	_	-	Н	╁	┼-	+	$\vdash$	ł	-	-	$\dashv$	$\dashv$	-			_				Н				┼-	╁	$\vdash$			Н		-
36   . 86   136     37   . 88   . 87     38   . 88   . 138     39   . 89   . 139     40   . 90   . 140     41   . 91   . 141     42   . 92   . 142     43   . 93   . 143     44   . 94   . 144     45   . 95   . 145     46   . 96   . 146     47   . 97   . 147     48   . 98   . 148     49   . 99   . 149	$\vdash$			+	+	+		<del> </del>	<del> </del>	+	╁	╁	$\vdash$		$\vdash$		$\dashv$	-	-	$\vdash$	$\vdash$	_		$\vdash$	H	H	-		+	+	╁	$\vdash$	Н	-	Н	├	$\vdash$
37   87   137     38   88   138     39   139   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     149   99   149	$\vdash$			+	+	-	-	H	$\vdash$	1	+	╁	$\vdash$	1	<del> -</del>		-+	-	Н	<u> </u>	$\vdash$	-		-	$\vdash$	Н	$\vdash$		+	+	╁	H				$\vdash$	$\vdash$
36   88   138     39   139   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     149   99   149	$\vdash$	_1	.1_	+	+		-	$\vdash$	-	-	┼-	+-	$\vdash$	1	-		$\dashv$	$\dashv$	$\dashv$	$\vdash$	$\vdash$		$\vdash$		-	Н	$\vdash$		+	+	-	$\vdash$		$\vdash$	$\vdash$	Н	$\vdash$
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   149 99   149 149	$\vdash$			+	+	-	-	<u> </u>	_	+	├	+-	⊢	l	-		$\dashv$	4		-	Н		$\vdash$		Щ,	Н	$\vdash$	_	+	+	$\vdash$			Ш		Ш	<u> </u>
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99   149	$\vdash$			+	+		4	<u> </u>	<u> </u>	_	-	╨	$\vdash$		-		$\dashv$	4			Щ		$\square$		Щ	$\Box$	<u> </u>		+	$\perp$	_	$\vdash$	L.,		ot	<u> </u>	L
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\vdash$			+	+		_	Н	<u> </u>	-	├-	╀	<u> </u>	l	-	$\rightarrow$	$\dashv$	4	_	Ш	Ш		$\sqcup$	_	Ц	Щ	$\vdash$	$\rightarrow$	$\bot$	$\perp$	_	Щ	$\sqcup$	Щ	Щ	_	L
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\vdash$		_	$\bot$	4	_		L.	_	<u> </u>	<u> </u>	$\perp$	$\vdash$			_	_ .	_									L	140			L						L
43 93   44 94   45 95   46 96   47 97   48 98   49 99	L				1						L				L	91											-	141									
43 93   44 94   45 95   46 96   47 97   48 98   49 99	L										Ĺ					92	_T	_7											T	Т					$\neg$		Ī
44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149	L			$\perp$	J	J	]							1		93	T	7			П							143	Τ		Π				$\neg \uparrow$	П	Г
45					Τ	T	П		Γ	Γ	Г	1	Г		Г	94		$\neg$							$\dashv$		$\Gamma$		$\top$	T	1	П	$\neg$	$\neg$	7		
46	Г	45	Γ		T					Γ	Г	1	П			95	十	7				$\neg$	$\neg$	_		_			+	T	Γ	$\Box$	一		$\dashv$	$\dashv$	$\overline{}$
47 97 147 148 98 148 149 99 149 149 149 149 149 149 149 149		46			T	コ					Ι-						$\dashv$	1				$\neg$	$\neg$	$\dashv$	$\dashv$	$\neg$			$\top$			П		$\dashv$	$\dashv$		
. 48 98 148 149 99 149 149 149 149 149 149 149 149		47	Т	$\top$	T	$\exists$					Г	$\top$	П		П		$\dashv$	ヿ	寸	_	$\dashv$	$\dashv$	$\dashv$	-1	-	-			+-	$\vdash$	<del> </del>		$\neg$	$\neg$	7	-	$\neg$
99 149	Ţ			$\top$	+	$\dashv$		$\neg$		T	Ι-	+					$\dashv$	寸	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	$\vdash$		+	1	$\vdash$	$\vdash$	-	$\dashv$	-+	-	$\dashv$
<del> </del>				1	$\dagger$	寸	$\dashv$	$\exists$	_		Т	t			$\vdash$		$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$		-	$\dashv$	$\vdash$	_	+	1-	$\vdash$	$\vdash$	-	$\dashv$	$\dashv$	-	$\dashv$
					$\dagger$	寸	7	$\exists$		$\vdash$	Г	†					+	$\dashv$	-	$\dashv$		一	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-		+-	一	$\vdash$	$\vdash$	$\dashv$	$\dashv$	-+		$\dashv$
	:									_	_	•	•		_				_								_	التت	-	•						1	

If more than 150 claims or 10 actions staple additional sheet here